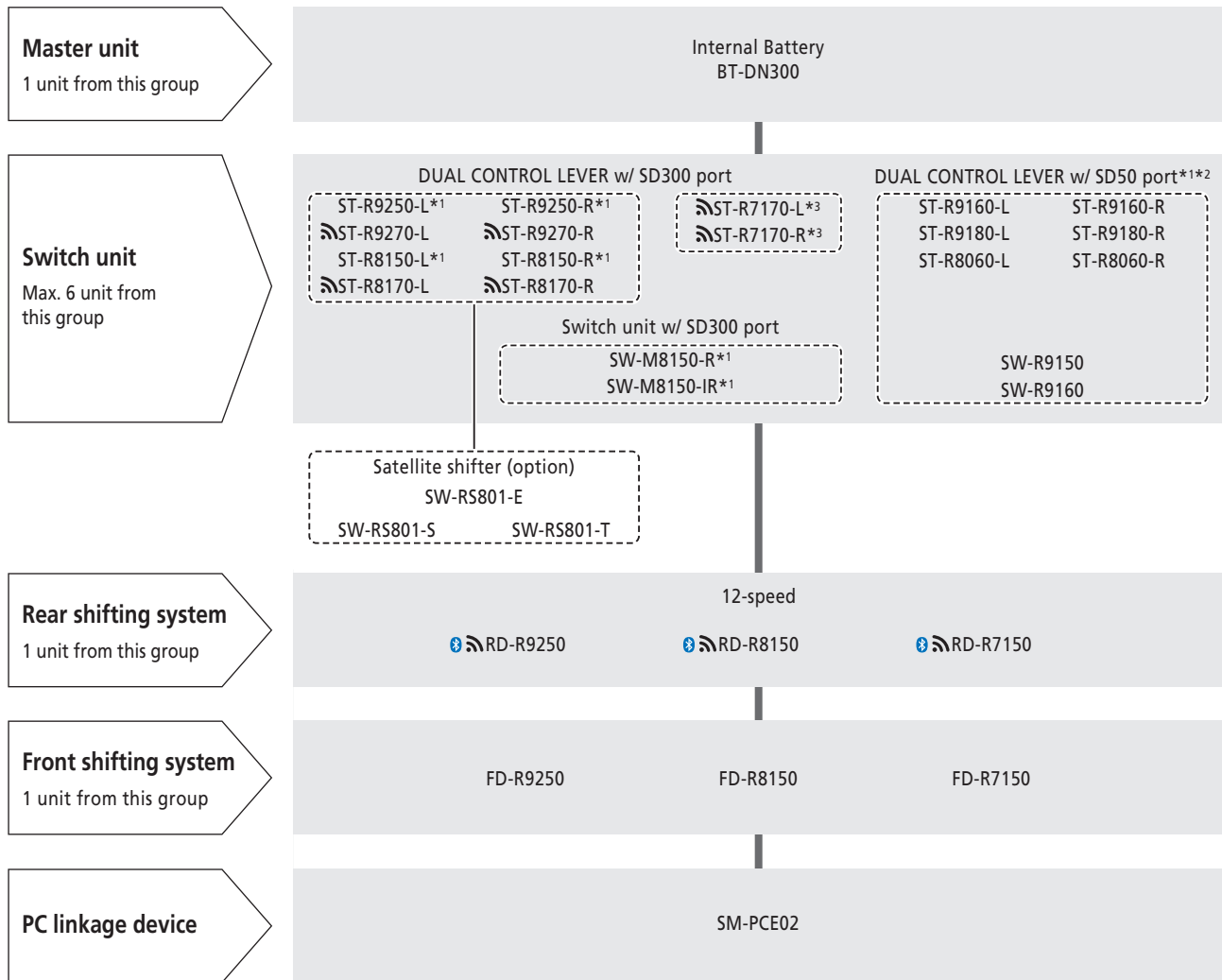


E-TUBE PROJECT Compatibility Chart

When any device which is not shown in E-TUBE compatibility chart is connected, all components don't work.
Confirm the E-TUBE compatibility chart.

Di2 with BT-DN300

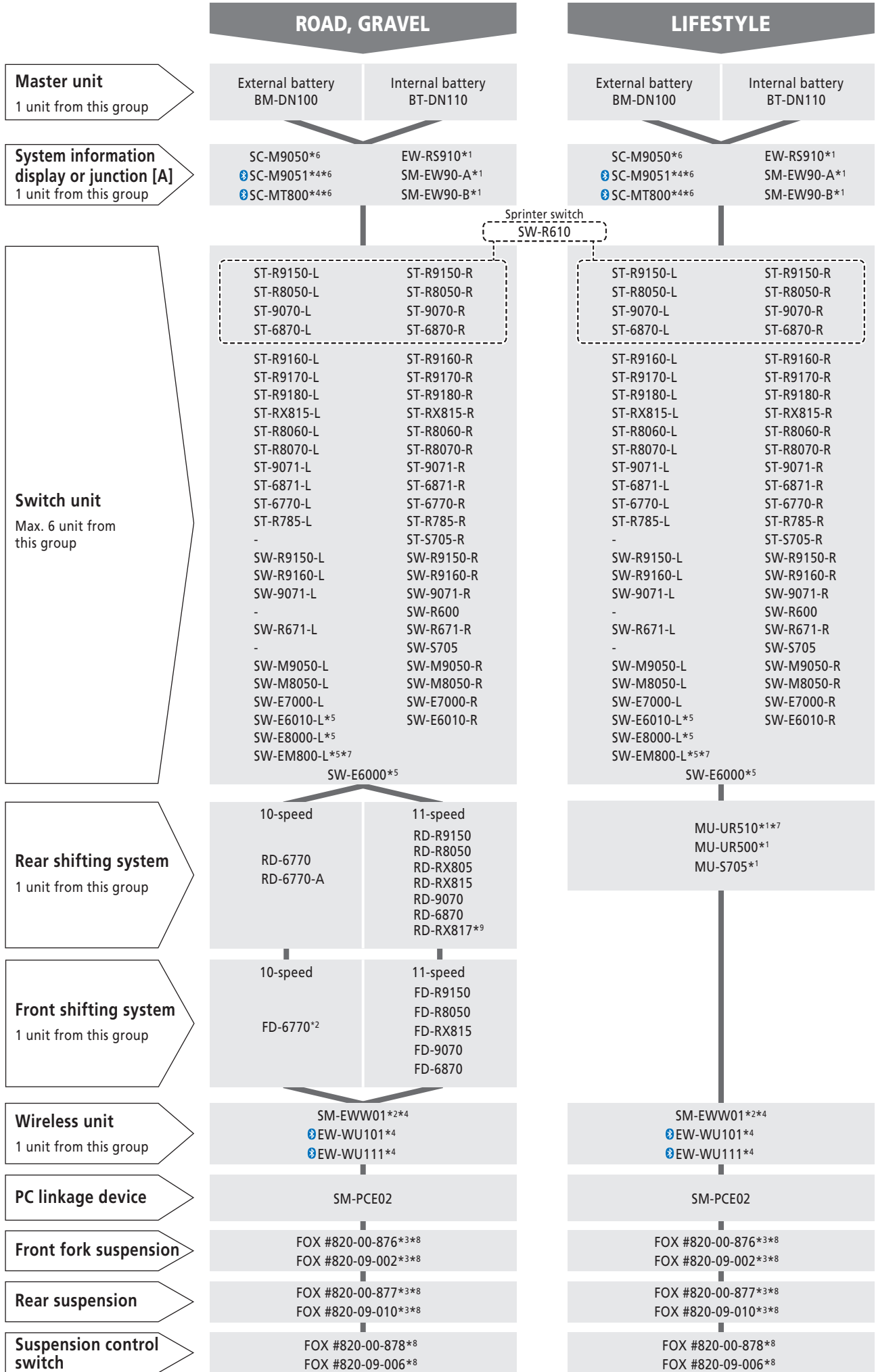


Limitation of function with BT-DN300 -----

*1 Wired connection to BT-DN300 only.

*2 EW-AD305 is needed.

*3 Wireless connection only.



Master unit
1 unit from this group

System information display or junction [A]
1 unit from this group

Switch unit
Max. 6 unit from this group

Rear shifting system
1 unit from this group

Front shifting system
1 unit from this group

Wireless unit
1 unit from this group

PC linkage device

Front fork suspension

Rear suspension

Suspension control switch

ROAD, GRAVEL

LIFESTYLE

External battery BM-DN100 Internal battery BT-DN110

External battery BM-DN100 Internal battery BT-DN110

SC-M9050*6 EW-RS910*1
 S SC-M9051*4*6 SM-EW90-A*1
 S SC-MT800*4*6 SM-EW90-B*1

SC-M9050*6 EW-RS910*1
 S SC-M9051*4*6 SM-EW90-A*1
 S SC-MT800*4*6 SM-EW90-B*1

Sprinter switch SW-R610

ST-R9150-L	ST-R9150-R
ST-R8050-L	ST-R8050-R
ST-9070-L	ST-9070-R
ST-6870-L	ST-6870-R
ST-R9160-L	ST-R9160-R
ST-R9170-L	ST-R9170-R
ST-R9180-L	ST-R9180-R
ST-RX815-L	ST-RX815-R
ST-R8060-L	ST-R8060-R
ST-R8070-L	ST-R8070-R
ST-9071-L	ST-9071-R
ST-6871-L	ST-6871-R
ST-6770-L	ST-6770-R
ST-R785-L	ST-R785-R
-	ST-S705-R
SW-R9150-L	SW-R9150-R
SW-R9160-L	SW-R9160-R
SW-9071-L	SW-9071-R
-	SW-R600
SW-R671-L	SW-R671-R
-	SW-S705
SW-M9050-L	SW-M9050-R
SW-M8050-L	SW-M8050-R
SW-E7000-L	SW-E7000-R
SW-E6010-L*5	SW-E6010-R
SW-E8000-L*5	
SW-EM800-L*5*7	
SW-E6000*5	

ST-R9150-L	ST-R9150-R
ST-R8050-L	ST-R8050-R
ST-9070-L	ST-9070-R
ST-6870-L	ST-6870-R
ST-R9160-L	ST-R9160-R
ST-R9170-L	ST-R9170-R
ST-R9180-L	ST-R9180-R
ST-RX815-L	ST-RX815-R
ST-R8060-L	ST-R8060-R
ST-R8070-L	ST-R8070-R
ST-9071-L	ST-9071-R
ST-6871-L	ST-6871-R
ST-6770-L	ST-6770-R
ST-R785-L	ST-R785-R
-	ST-S705-R
SW-R9150-L	SW-R9150-R
SW-R9160-L	SW-R9160-R
SW-9071-L	SW-9071-R
-	SW-R600
SW-R671-L	SW-R671-R
-	SW-S705
SW-M9050-L	SW-M9050-R
SW-M8050-L	SW-M8050-R
SW-E7000-L	SW-E7000-R
SW-E6010-L*5	SW-E6010-R
SW-E8000-L*5	
SW-EM800-L*5*7	
SW-E6000*5	

10-speed	11-speed
RD-6770	RD-R9150
RD-6770-A	RD-R8050
	RD-RX805
	RD-RX815
	RD-9070
	RD-6870
	RD-RX817*9

MU-UR510*1*7
 MU-UR500*1
 MU-S705*1

10-speed	11-speed
FD-6770*2	FD-R9150
	FD-R8050
	FD-RX815
	FD-9070
	FD-6870

SM-EWW01*2*4
 S EW-WU101*4
 S EW-WU111*4

SM-EWW01*2*4
 S EW-WU101*4
 S EW-WU111*4

SM-PCE02

SM-PCE02

FOX #820-00-876*3*8
 FOX #820-09-002*3*8

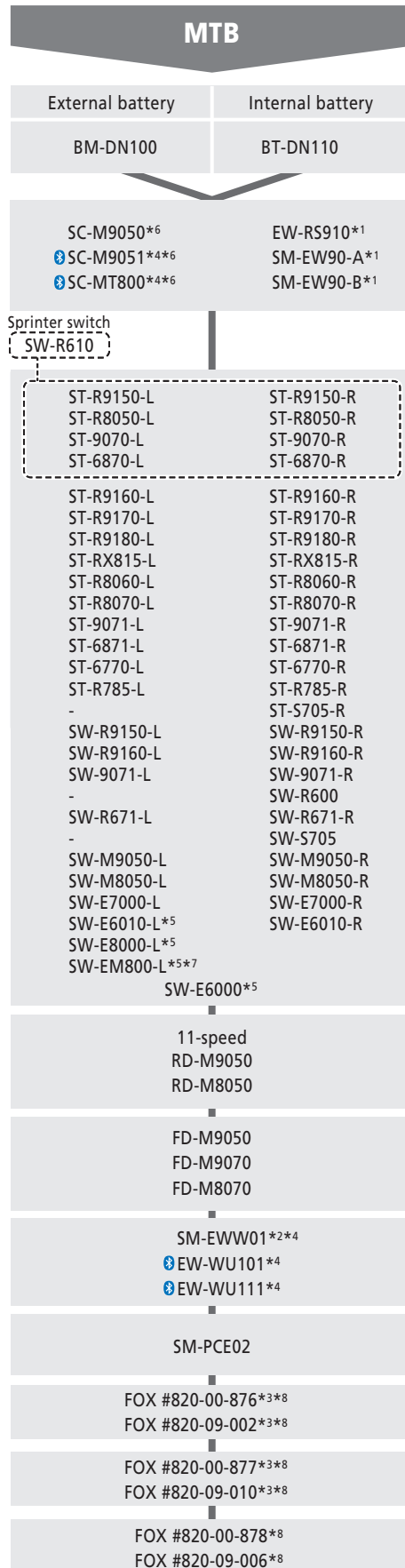
FOX #820-00-876*3*8
 FOX #820-09-002*3*8

FOX #820-00-877*3*8
 FOX #820-09-010*3*8

FOX #820-00-877*3*8
 FOX #820-09-010*3*8

FOX #820-00-878*8
 FOX #820-09-006*8

FOX #820-00-878*8
 FOX #820-09-006*8



Master unit
1 unit from this group

Junction (A)
1 unit from this group

Switch unit
Max. 6 unit from this group

Rear shifting system
1 unit from this group

Front shifting system
1 unit from this group

Wireless unit
1 unit from this group

PC linkage device

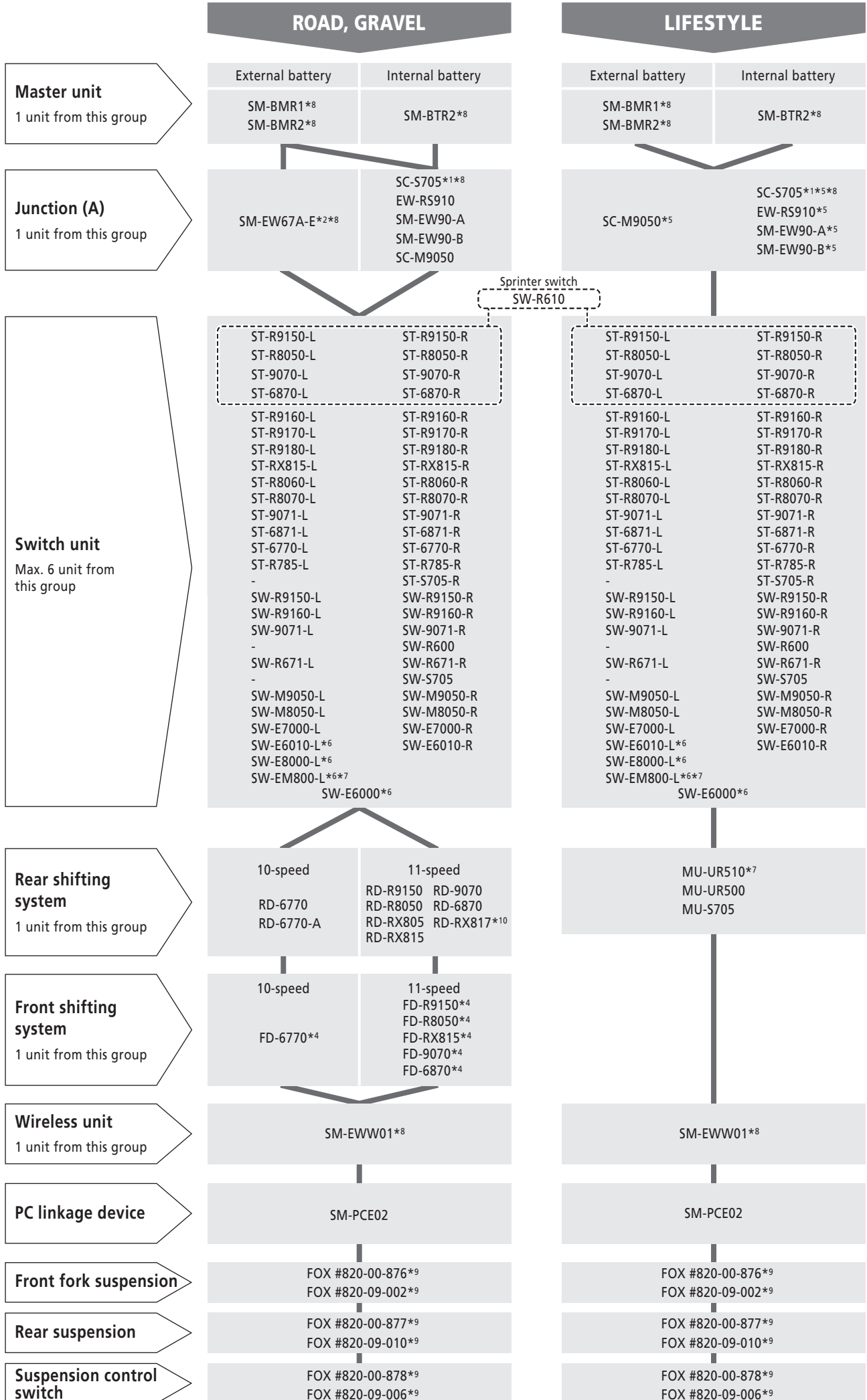
Front fork suspension

Rear suspension

Suspension control switch

Limitation of function with BM-DN100/BT-DN110 -----

- *1 Shifting adjustment mode for MU-S705, MU-UR500 and MU-UR510 is not supported. (need E-TUBE PROJECT to adjust)
- *2 Not supported by E-TUBE PROJECT Cyclist.
- *3 A designated control switch and/or the combination SW-M9050/SW-M8050-L with SC-M9050/SC-M9051/SC-MT800 is required to operate.
- *4 The system accepts just 1 unit with wireless chip. (doesn't work if plural units with wireless chip are connected)
- *5 Need to change Switch setting by E-TUBE PROJECT.
- *6 SC-M9050, SC-M9051 or SC-MT800 is required for synchronized shift in MTB category.
- *7 This unit has SD300 port, and needs EW-AD305 for connection with SD50 port unit.
- *8 Only supported by E-TUBE PROJECT Cyclist.
- *9 For front single models only. Cannot be used in combination with a front derailleur.



Master unit
1 unit from this group

Junction (A)
1 unit from this group

Switch unit
Max. 6 unit from this group

Rear shifting system
1 unit from this group

Front shifting system
1 unit from this group

Wireless unit
1 unit from this group

PC linkage device

Front fork suspension

Rear suspension

Suspension control switch

ROAD, GRAVEL

LIFESTYLE

External battery	Internal battery
SM-BMR1*8 SM-BMR2*8	SM-BTR2*8

External battery	Internal battery
SM-BMR1*8 SM-BMR2*8	SM-BTR2*8

SM-EW67A-E*2*8	SC-S705*1*8 EW-RS910 SM-EW90-A SM-EW90-B SC-M9050
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SC-M9050*5	SC-S705*1*5*8 EW-RS910*5 SM-EW90-A*5 SM-EW90-B*5
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Sprinter switch
SW-R610

ST-R9150-L ST-R8050-L ST-9070-L ST-6870-L	ST-R9150-R ST-R8050-R ST-9070-R ST-6870-R
ST-R9160-L ST-R9170-L ST-R9180-L ST-RX815-L ST-R8060-L ST-R8070-L ST-9071-L ST-6871-L ST-6770-L ST-R785-L - SW-R9150-L SW-R9160-L SW-9071-L - SW-R671-L - SW-M9050-L SW-M8050-L SW-E7000-L SW-E6010-L*6 SW-E8000-L*6 SW-EM800-L*6*7	ST-R9160-R ST-R9170-R ST-R9180-R ST-RX815-R ST-R8060-R ST-R8070-R ST-9071-R ST-6871-R ST-6770-R ST-R785-R ST-S705-R SW-R9150-R SW-R9160-R SW-9071-R SW-R600 SW-R671-R SW-S705 SW-M9050-R SW-M8050-R SW-E7000-R SW-E6010-R
SW-E6000*6	

ST-R9150-L ST-R8050-L ST-9070-L ST-6870-L	ST-R9150-R ST-R8050-R ST-9070-R ST-6870-R
ST-R9160-L ST-R9170-L ST-R9180-L ST-RX815-L ST-R8060-L ST-R8070-L ST-9071-L ST-6871-L ST-6770-L ST-R785-L - SW-R9150-L SW-R9160-L SW-9071-L - SW-R671-L - SW-M9050-L SW-M8050-L SW-E7000-L SW-E6010-L*6 SW-E8000-L*6 SW-EM800-L*6*7	ST-R9160-R ST-R9170-R ST-R9180-R ST-RX815-R ST-R8060-R ST-R8070-R ST-9071-R ST-6871-R ST-6770-R ST-R785-R ST-S705-R SW-R9150-R SW-R9160-R SW-9071-R SW-R600 SW-R671-R SW-S705 SW-M9050-R SW-M8050-R SW-E7000-R SW-E6010-R
SW-E6000*6	

10-speed	11-speed
RD-6770 RD-6770-A	RD-R9150 RD-9070 RD-R8050 RD-6870 RD-RX805 RD-RX817*10 RD-RX815

MU-UR510*7 MU-UR500 MU-S705

10-speed	11-speed
FD-6770*4	FD-R9150*4 FD-R8050*4 FD-RX815*4 FD-9070*4 FD-6870*4

SM-EWW01*8

SM-EWW01*8

SM-PCE02

SM-PCE02

FOX #820-00-876*9 FOX #820-09-002*9
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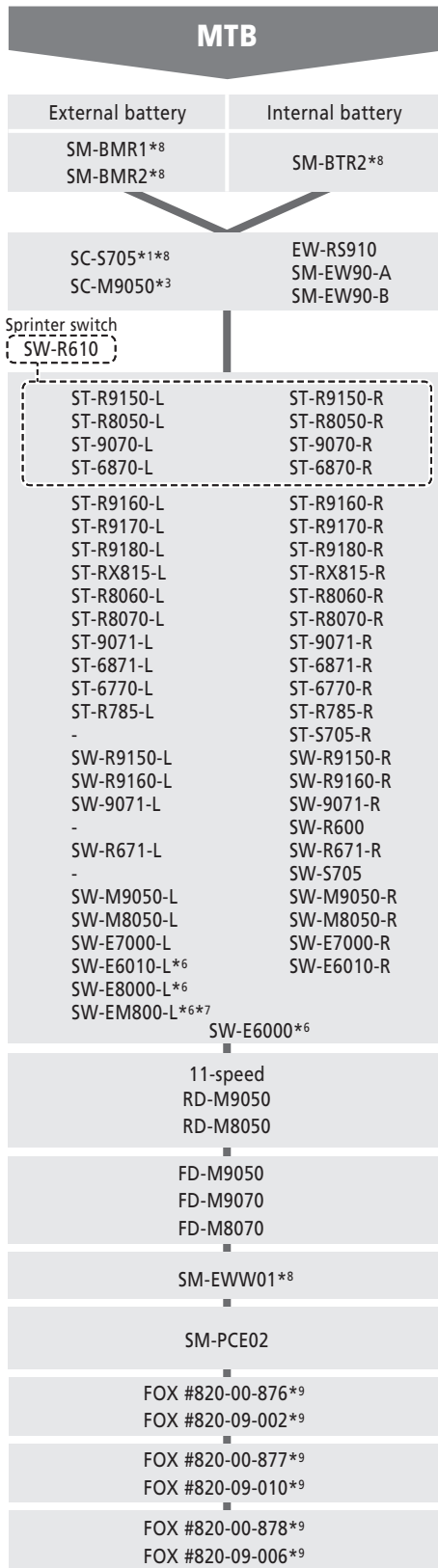
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FOX #820-00-877*9 FOX #820-09-010*9
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FOX #820-00-877*9 FOX #820-09-010*9
--

FOX #820-00-878*9 FOX #820-09-006*9
--

FOX #820-00-878*9 FOX #820-09-006*9
--



Master unit
1 unit from this group

Junction (A)
1 unit from this group

Switch unit
Max. 6 unit from this group

Rear shifting system
1 unit from this group

Front shifting system
1 unit from this group

Wireless unit

PC linkage device
1 unit from this group

Front fork suspension

Rear suspension

Suspension control switch

Limitation of function with SM-BMR1/SM-BMR2/SM-BTR2 -----

*1 SC-S705

- Front derailleur position will not appear on display.
- Recovery from Rear derailleur protection function is not available.
- Front / Rear derailleur adjustment mode is not available. Use E-TUBE PROJECT software.
- SC-S705 has only 1 E-TUBE port for ST / SW.
- SC-S705 may not turn on the display by front shifting switch.

*2 SM-BCR2 requires any device which has charging connector.
SM-EW67-A-E (Junction (A)) is not compatible with SM-BCR2 and SM-BTR2.

*3 SC-M9050 is required for synchronized shift in case with MTB-type Rear Derailleur.

*4 Synchronized shift is not available with Road-type Rear Derailleur.

*5 Shifting adjustment mode for MU-S705, MU-UR500 and MU-UR510 is not supported. (need E-TUBE PROJECT to adjust)

*6 Need to change Switch setting by E-TUBE PROJECT.

*7 This unit has SD300 port, and needs EW-AD305 for connection with SD50 port unit.

*8 Not supported by E-TUBE PROJECT Cyclist.

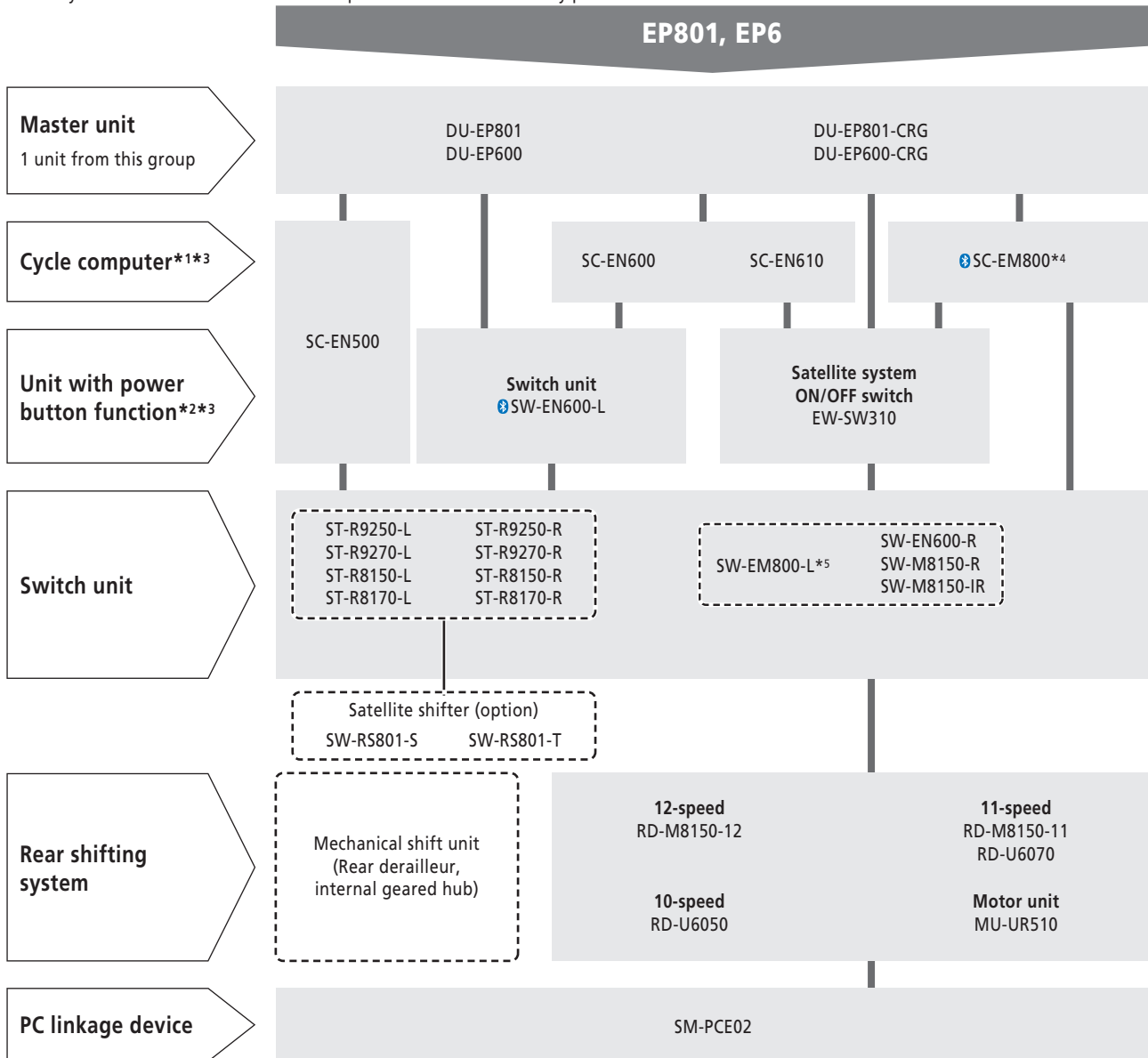
*9 Only supported by E-TUBE PROJECT Cyclist.

*10 For front single models only. Cannot be used in combination with a front derailleur.

2nd generation (Gen.2) battery management system compatible SHIMANO STEPS

This is a compatibility table when using the following batteries.

- SHIMANO STEPS Gen.2 batteries
- Battery with hardware and firmware compatible with Gen.2 made by partner manufacturers.



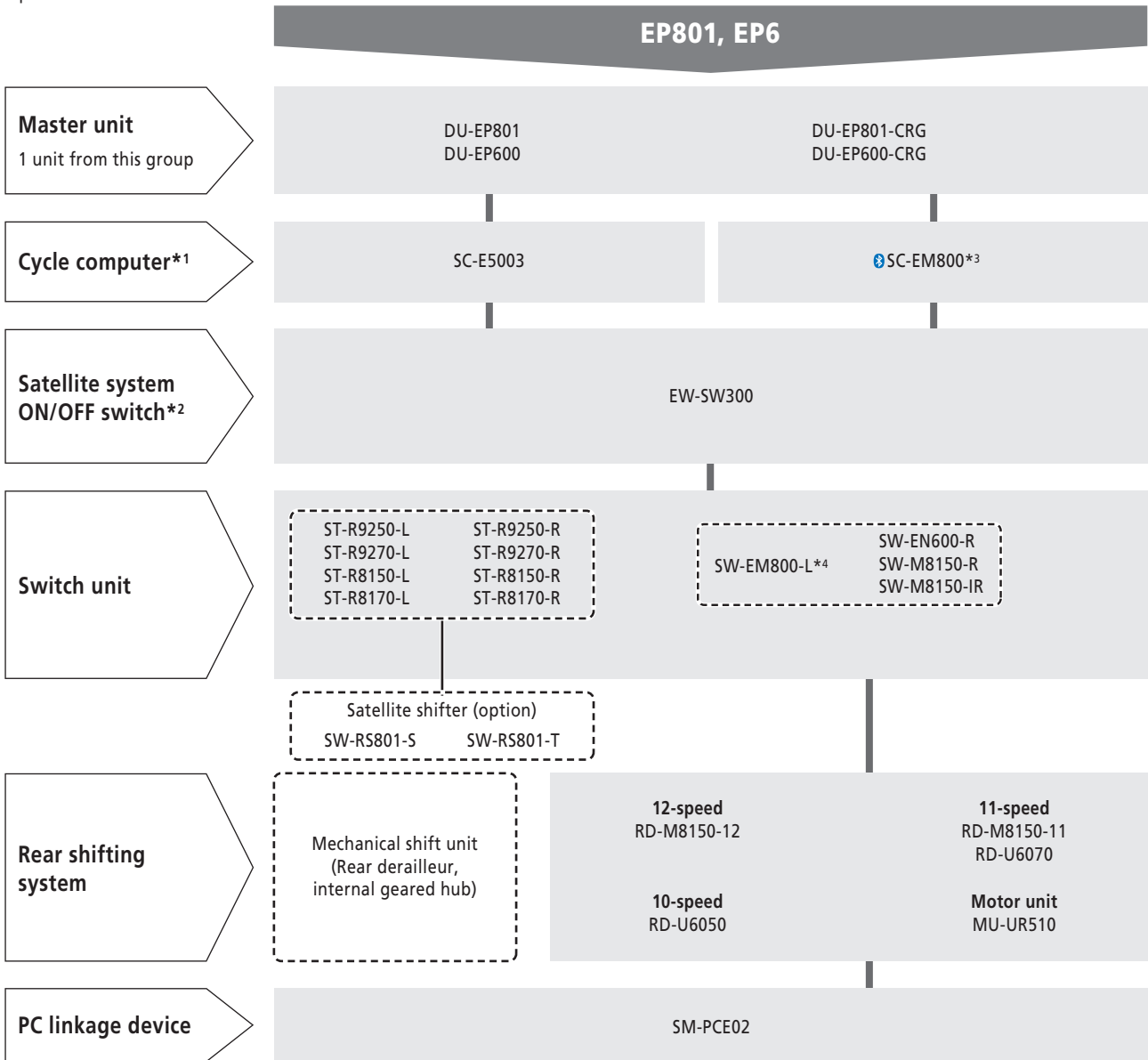
Limitation of function -----

- *1 When system has unit with power button function, cycle computer isn't mandatory.
- *2 When the cycle computer, switch unit, and other units has power ON / OFF function, the unit with power button function isn't mandatory.
- *3 When system has 3rd party CAN cycle computer, SHIMANO cycle computer and the unit with power button function isn't mandatory.
- *4 When drive unit (US class 3) is connected, cycle computer can displays main screen (speed and assist bar) only.
- *5 Need to change switch setting by E-TUBE PROJECT to use as shift switch.

1st generation battery management system compatible SHIMANO STEPS (for partner manufacturers' batteries)

This is a compatibility table when using a battery made by a partner manufacturer that ensures compatibility only by updating the firmware.

* Gen.2 battery management system is not compatible with battery with hardware and firmware compatible with conventional system made by partner manufacturers



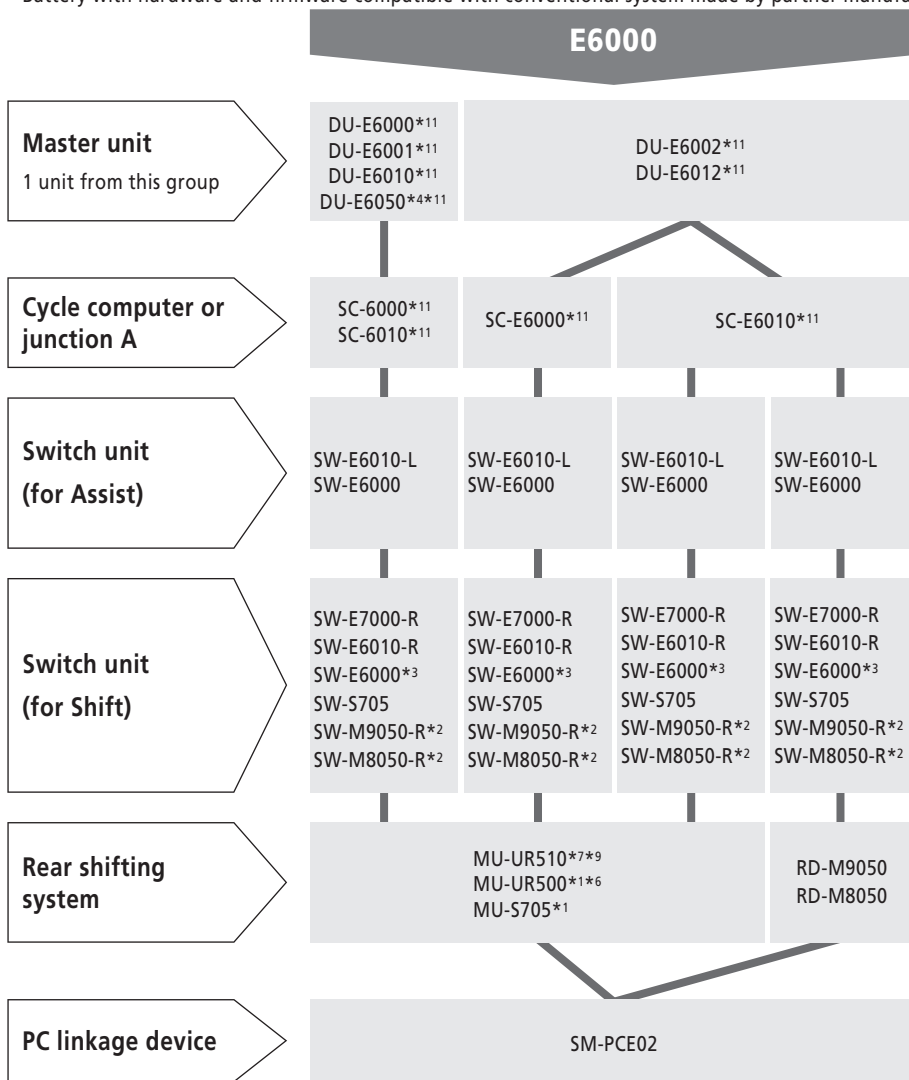
Limitation of function -----

- *1 Cycle computer is mandatory.
- *2 When power on/off function on other unit, satellite power on/off switch isn't mandatory.
- *3 When drive unit (US class 3) is connected, cycle computer can displays main screen (speed and assist bar) only.
- *4 Need to change Switch setting by E-TUBE PROJECT to use as shift switch.
- *5 Not supported by E-TUBE PROJECT Cyclist.

1st generation battery management system compatible SHIMANO STEPS

This is a compatibility table when using the following batteries.

- SHIMANO STEPS 1st generation battery
- Battery with hardware and firmware compatible with conventional system made by partner manufacturers



E8000/E8080

Master unit
1 unit from this group

DU-E8000
DU-E8080*5

Cycle computer or junction A

SC-E6010*11 SC-E8000*8 SC-EM800*9
SC-E7000
SC-E6100
SC-E5000*10*11
SC-E5003*9*10*11
EW-EN100

Switch unit (for Assist)

SW-E6010-L
SW-E6000 SW-EM800-L*9
SW-E8000-L
SW-E7000-L
SW-E6010-L
SW-E6000
SW-M9050-L
SW-M8050-L SW-EM800-L*9
SW-E8000-L
SW-E7000-L
SW-E6010-L
SW-E6000
SW-M9050-L
SW-M8050-L
ST-R8070-L
ST-RX815-L

Switch unit (for Shift)

SW-E7000-R
SW-E6010-R
SW-E6000*3
SW-S705
SW-M9050-R
SW-M8050-R SW-E7000-R
SW-E6010-R
SW-E6000*3
SW-S705
SW-M9050-R
SW-M8050-R SW-E7000-R
SW-E6010-R
SW-E6000*3
SW-S705
SW-M9050-R
SW-M8050-R
ST-R8070-R
ST-RX815-R

Satellite system ON/OFF switch

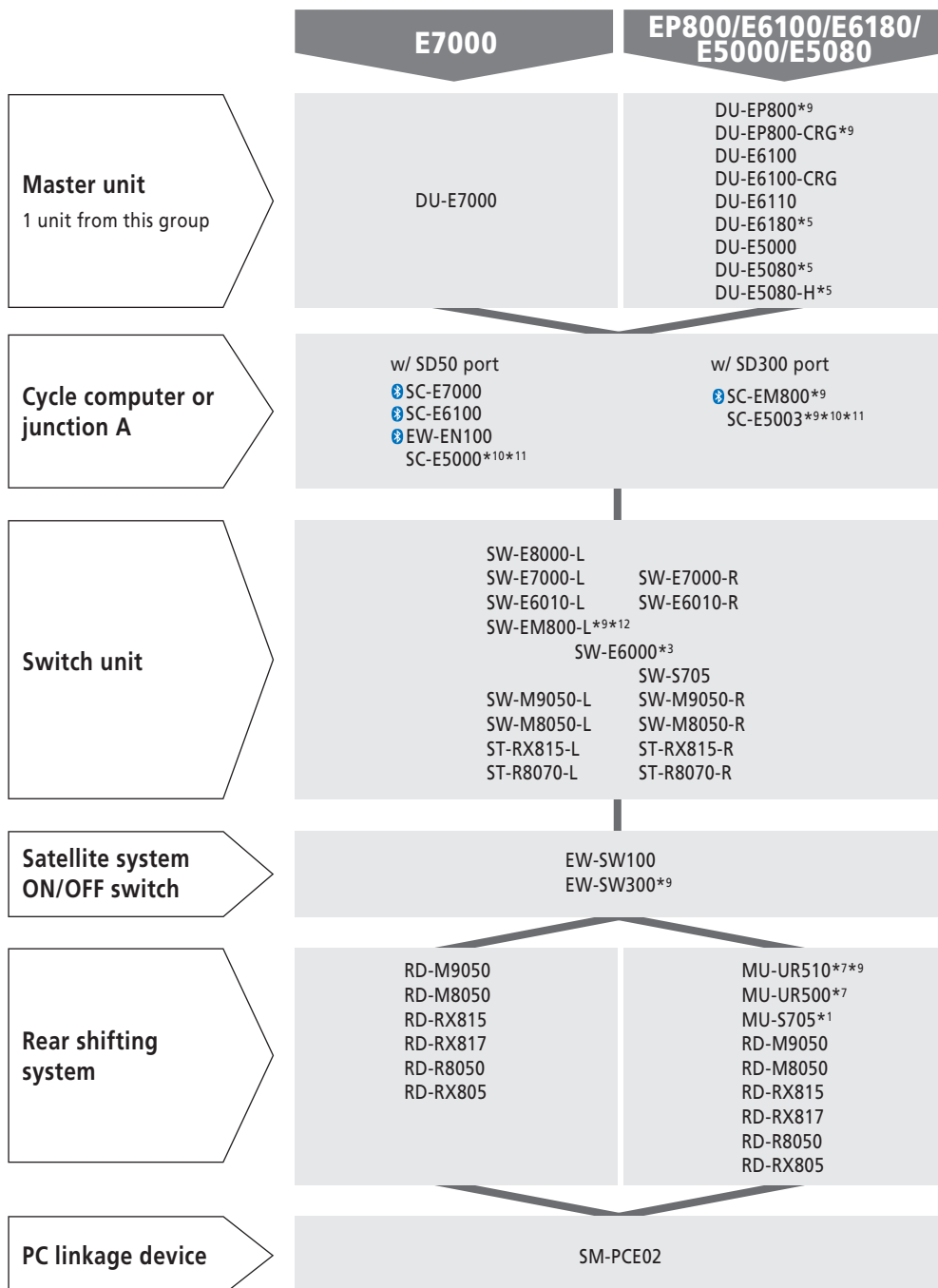
EW-SW100
EW-SW300*9

Rear shifting system

RD-M9050
RD-M8050 RD-M9050
RD-M8050 RD-M9050
RD-M8050
RD-RX815
RD-RX817
RD-R8050
RD-RX805

PC linkage device

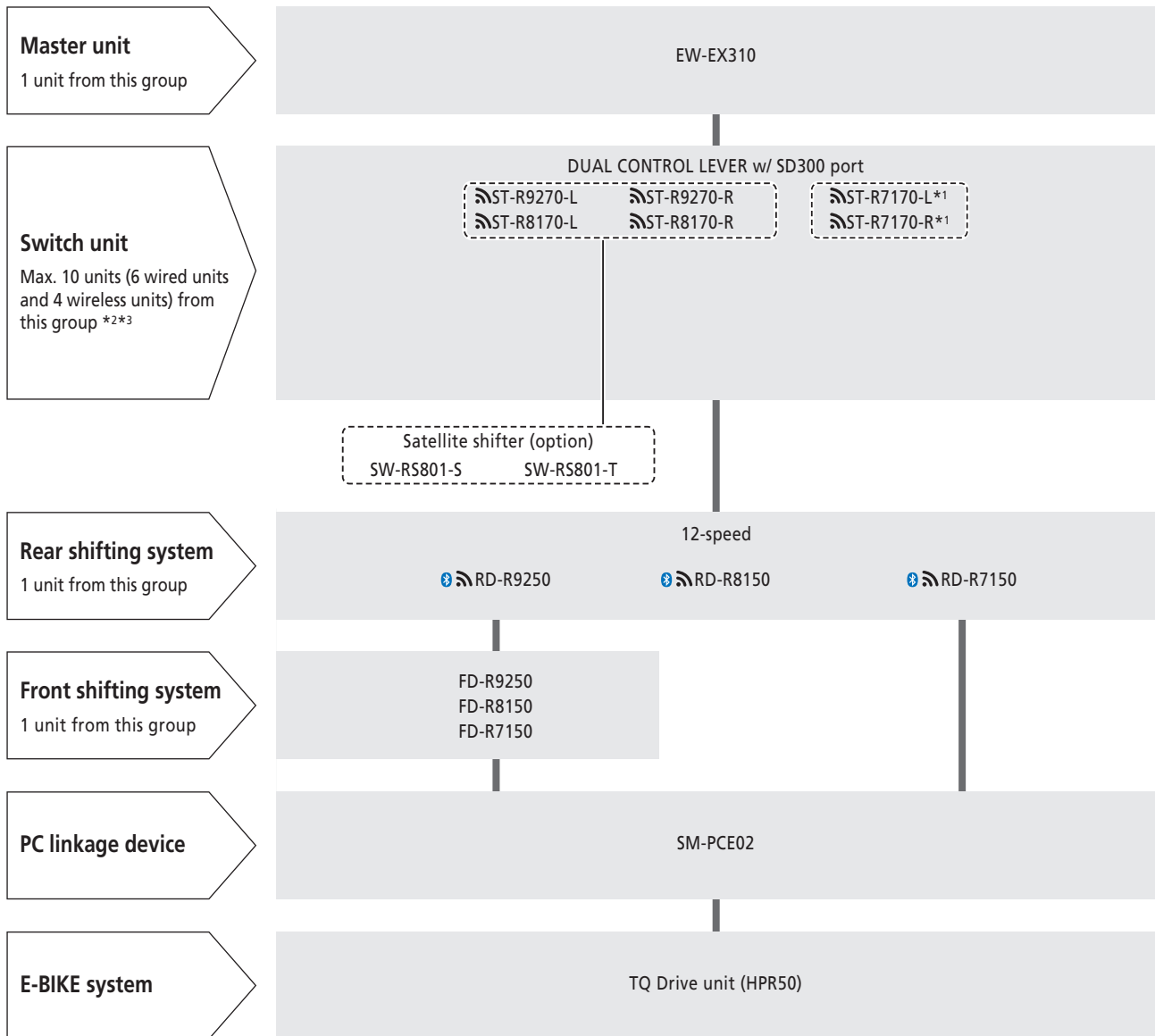
SM-PCE02



Limitation of function -----

- *1 Fully automatic gear shifting is available only with 8-speed internal geared hubs (Not available with rear derailleurs).
- *2 Not support full automatic shift
- *3 Need to change Switch setting by E-TUBE PROJECT.
- *4 North American market only.
- *5 Japanese market only.
- *6 Available only with 11-speed and 8-speed internal geared hubs.
- *7 Full automatic shift is available only with 8 speed and 5 speed internal gear hub system. (Not available with Rear Derailleur)
- *8 Not available in Japan market.
- *9 This unit has SD300 port, and needs EW-AD305 for connection with SD50 port unit.
- *10 SC-E5000, SC-E5003 is only for $\phi 22.2$. Drop handle bar is unavailable.
- *11 Not supported by E-TUBE PROJECT Cyclist.
- *12 To use as a shift switch, the switch settings need to be changed in E-TUBE PROJECT.

Di2 with EW-EX310



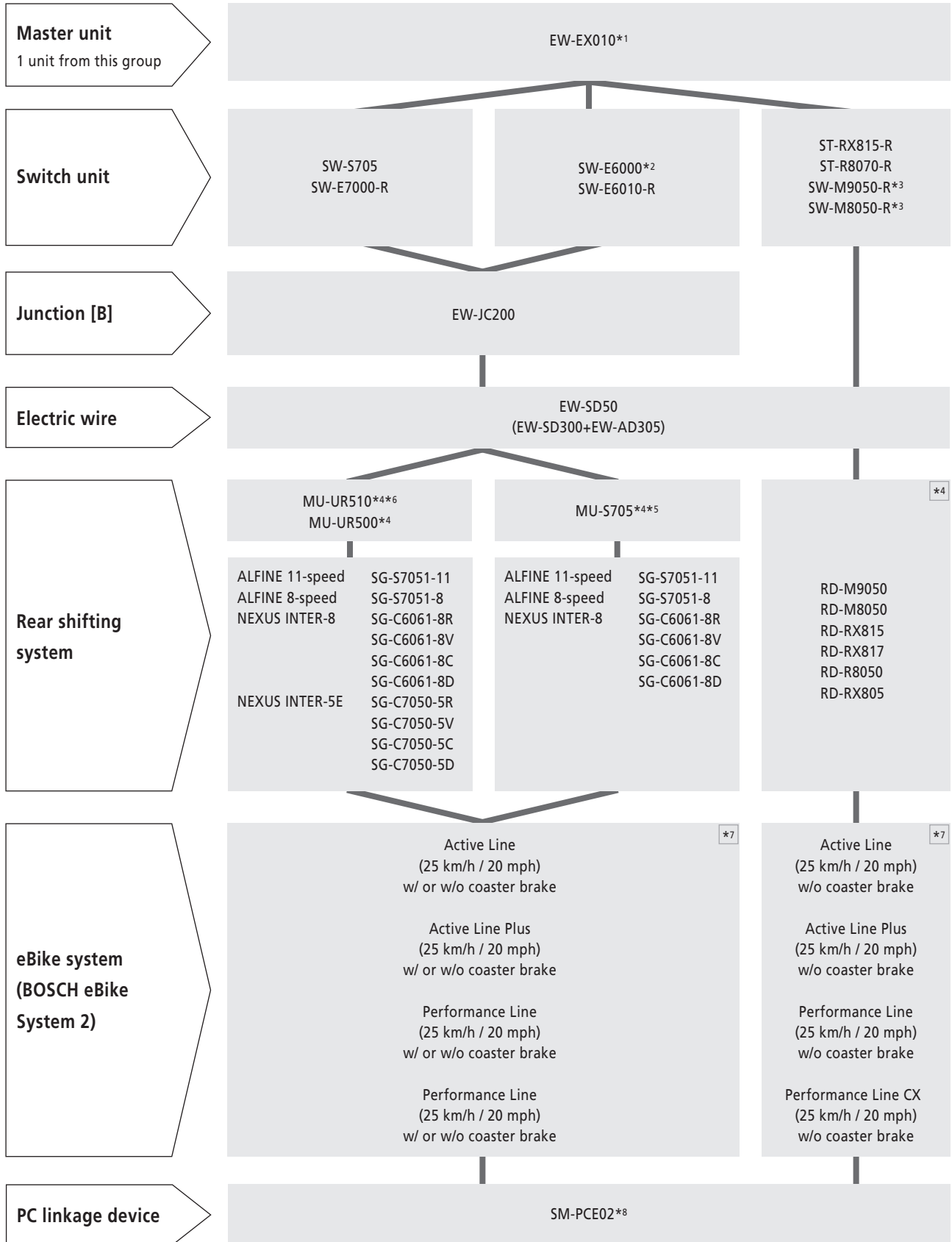
Limitation of function -----

*1 Wireless connection only.

*2 Wireless DUAL CONTROL LEVERs must be paired Right and Left. (It's not allowed to choose two of right side units or 2 of left side units)

*3 There is no limitation to connect switch unit for right side or left side unit in case of it's wired connection.

Di2 with EW-EX010



Limitation of function -----

- *1 EW-EX010 and BOSCH eBike system are connected by Y-harness which is provided by BOSCH.
- *2 Need to change switch setting by E-TUBE PROJECT.
- *3 Cannot change manual shift to full automatic shift and its opposite.
- *4 Full automatic shift is available only with internal geared hub by MU-S705/UR500/UR510. (Not available with Rear Derailleur)
- *5 Compatible with 8 speed and 11 speed internal geared hub system only.
- *6 This unit has SD300 port and needs EW-JC305 for connection with SD50 port unit.
- *7 No compatibility with "Classic+ Line" and "Performance Line (45 km/h)".
- *8 Not supported by E-TUBE PROJECT Cyclist.